FIG 1

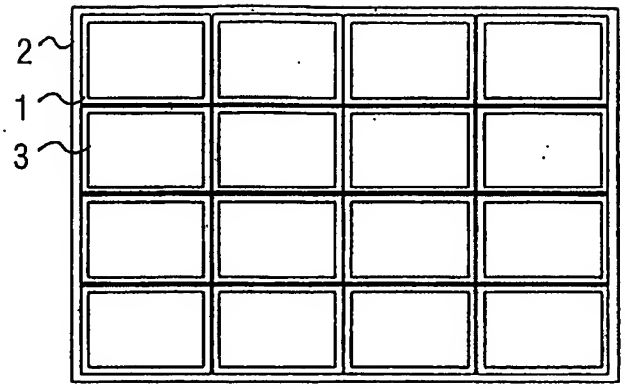



FIG 2

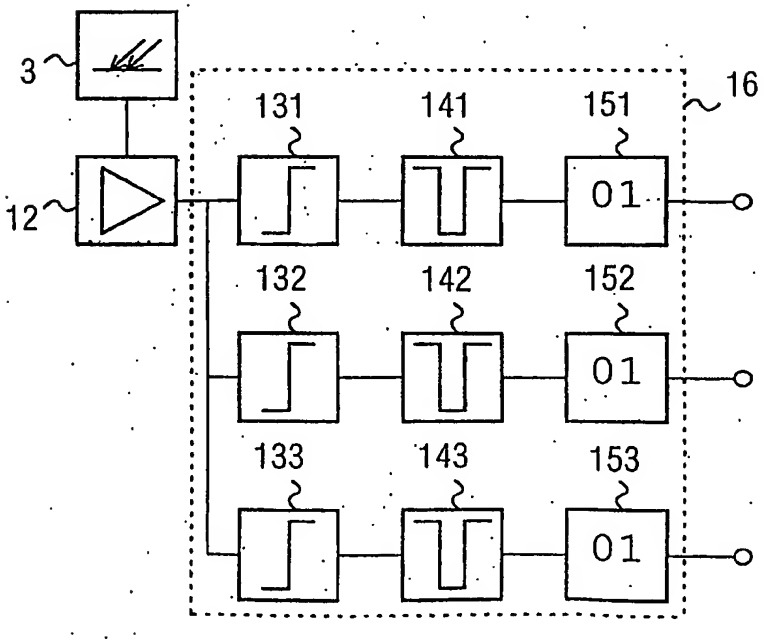


FIG 3

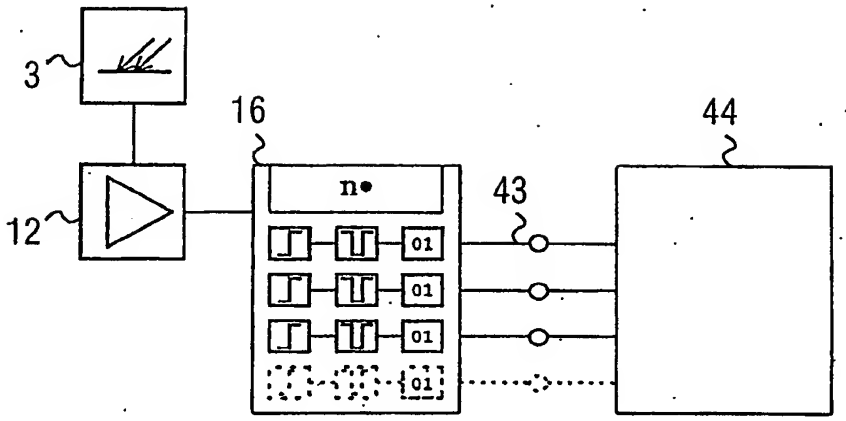



FIG 4

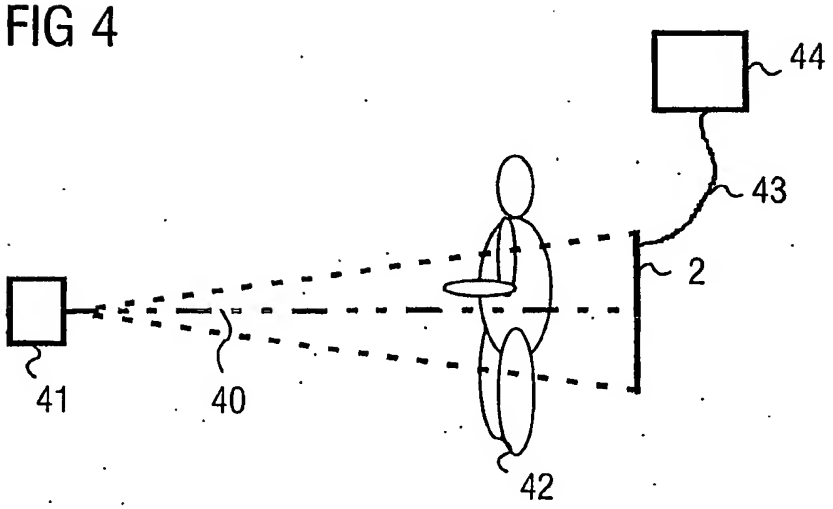
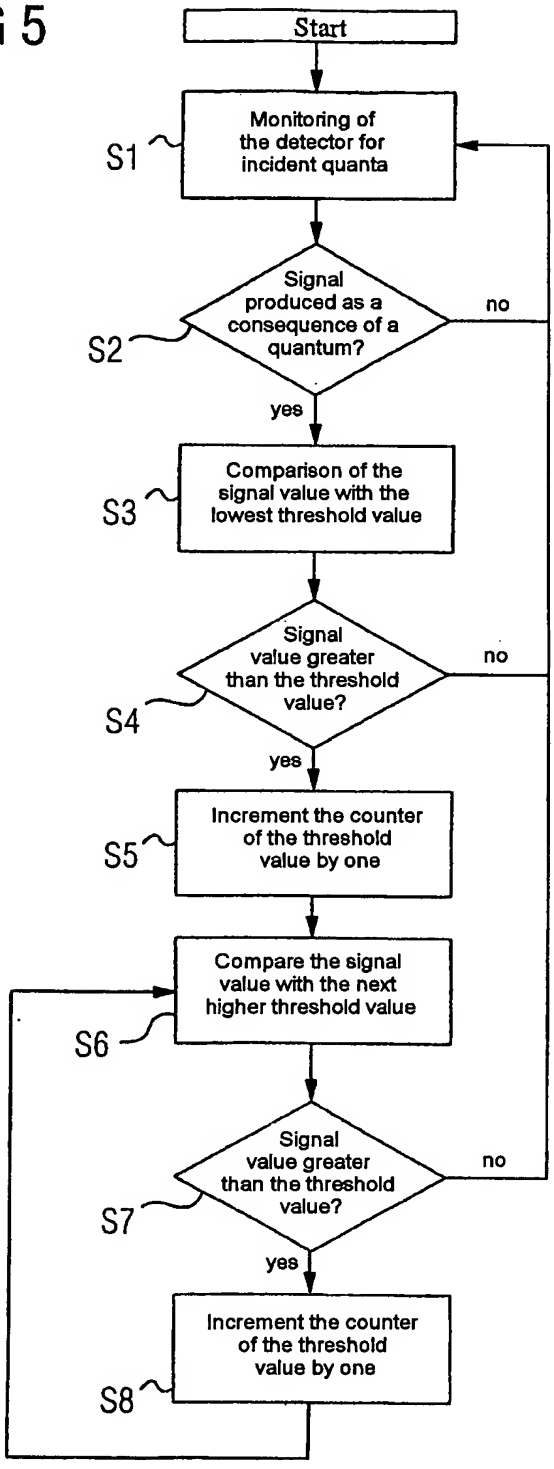


FIG 5


Start
Monitoring of the detector for incident quanta
S1
Signal produced as a consequence of a quantum?
S2
no
yes
Comparison of the signal value with the lowest threshold value
S3
Signal value greater than the threshold value?
S4
no
yes
Increment the counter of the threshold value by one
S5
Compare the signal value with the next higher threshold value
S6
Signal value greater than the threshold value?
S7
no
yes
Increment the counter of the threshold value by one
S8